

**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

Case No.	Title	Application #	Filing Date	Patent #	Grant Date
15436.432.4	Flexible Optic Connector Assembly	08/775330	31-Dec-96		
15436.432.4.4	Flexible Optic Connector Assembly	10/136817	30-Apr-02		
15436.432.6.1	Fiber Optic Header With Integrated Power Monitor	09/481627	12-Jan-00		
15436.432.7.1	Multiple Pack Active Device Receptacle	08/795029	14-Feb-97		
15436.432.7.2	Fiber Optic S-Bend Connector	08/814458	10-Mar-97		
15436.433.3.3	Coupled Cavity Anti-Guided Vertical Cavity Surface Emitting	10/350840	24-Jan-03		
15436.433.4.1	Metamorphic Long Wavelength High Speed Photodiode	10/147136	13-May-02		
15436.433.6.1	Integration of Top-Emitting and Top-Illuminates Optoelectron	10/413186	14-Apr-03		
15436.434.1.1	Integration of Top-Emitting and Top-Illuminates Optoelectron	10/284863	31-Oct-02		
15436.434.1.2	Method and Apparatus For Hermetically Sealing Photonic Device	09/647538	12-Apr-00		
15436.434.2.1	Mechanical Stabilization of Lattice Mismatched Quantum Wells	10/444796	22-May-03		
15436.434.3.1	Hermetic Chip-Scale Package For Photonic Devices	10/634558	4-Aug-03		
15436.434.5	System and Method for Vcsel Polarization Control	09/342801	29-Jun-99		
15436.434.6	Protective Side Wall Passive for Vcsel Chips	09/677034	23-May-00		
15436.434.7	Protective Side Wall Passive for Vcsel Chips	09/652655	31-Aug-00		
15436.434.7.1	Versatile Method and System for Single Mode Vcsels	10/427337	1-May-03		
15436.435.1	Versatile Method and System for Single Mode Vcsels	09/7724820	28-Nov-00		
15436.435.1.1	Versatile Method and System for Single Mode Vcsels	10/617290	10-Jul-03		
15436.435.1.2	Versatile Method and System for Single Mode Vcsels	10/617892	11-Jul-03		
15436.435.2	Resonant Reflector For Use With Optoelectric Devices	09/7751422	29-Dec-00		
15436.435.3	Spatially Modulated Reflector For an Optoelectric Device	09/7751423	29-Dec-00		
15436.435.4	Apparatus and Method Providing a Balancing Load to a Laser Differential Drive Circuit	09/803821	12-Mar-01		
15436.435.5	Method and Apparatus For Producing Vcsels with Dielectric Mirrors and Self-Aligned Gain Guide	09/881167	14-Jun-01		
15436.435.6	Methods and Systems for Wafer Level Burn-In of Electronic De	60/311916	13-Aug-01		



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15436.435.7	Laser Light Sources Having Integrated Detector and Intensity Control and Methods of Producing Same	09/970073	20-Oct-01	
15436.436.1	Method and System for Releasing a Pluggable Module	10/006103	6-Dec-01	
15436.436.2	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026016	20-Dec-01	
15436.436.3	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026019	20-Dec-01	
15436.436.4	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026055	20-Dec-01	
15436.436.5	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026020	27-Dec-01	
15436.436.6	Indium Free Vertical Cavity Surface Emitting Laser	10/026044	27-Dec-01	
15436.436.7	Submount For Vertical Cavity Surface Emitting Laser and Detectors	10/028288	28-Dec-01	
15436.436.8	Current Confinement, Capacitance Reduction and Isolation of VCSELs Using Deep Elemental Traps	10/028303	28-Dec-01	
15436.437.1	Asymmetric Distribute Bragg Reflector for Vertical Cavity Surface Emitting Lasers	10/028435	28-Dec-02	
15436.437.2	Gain Guide Implant in Oxide Vertical Cavity Surface Emitting Laser	10/028436	28-Dec-02	
15436.437.3	Vertical Cavity Surface Emitting Laser Having a Gain Guide Aperture Inferior to an Oxide Confinement Layer	10/028437	28-Dec-01	
15436.437.4	Wavelength Division Multiplexed Vertical Cavity Surface Emitting Laser	10/028438	28-Dec-01	
15436.437.5	Integral Vertical Cavity Surface Emitting Laser and Power Monitor	10/028439	28-Dec-01	
15436.437.6	Tunable Laser Assembly	10/037010	31-Dec-01	
15436.437.7	Optoelectric Devices and Methods of Production	10/037013	31-Dec-01	
15436.437.7.1	Optoelectric Devices and Methods of Production	10/6669220	24-Sep-03	
15436.437.8	Long-Wavelength VCSEL Bottom Mirror	10/078422	21-Feb-02	
15436.438.1	Carbon Doped GaSSb Suitable for Use in Tunnel Junctions of Long Wavelength VCSELs	10/078473	21-Feb-02	
15436.438.2	GaAs/Al(Ga)As Distributed Bragg Reflector on InP	10/078474	21-Feb-02	
15436.438.3	Resonant Reflector for Increased Wavelength and Polarization Control	10/121490	12-Apr-02	
	Methods and Systems for Removing an Oxide-Induced Dead Zone in a Semiconductor Device Structure	10/156324	24-May-02	
15436.438.4	Wavelength Selective Detector	10/162928	4-Jun-02	
15436.438.5				

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15436.438.6	Optical Transceiver	10/163057	4-Jun-02	
15436.438.7	Method and Apparatus For Monitoring the Power of a Multi-Wavelength Optical Signal	10/163440	4-Jun-02	
15436.438.8	Atomic Hydrogen as a Surfactant in Production of Highly Strained InGaAs, InGaAsN, InGaAsNb, and/or GaAsNb Quantum Wells	10/1219425	14-Aug-02	
15436.438.9	Single Mode VCSEL	10/1232382	3-Sep-02	
15436.439.1	Hybrid Mirror VCSELS	10/1233112	3-Sep-02	
15436.439.2	Nitrogen Sources for Molecular Beam Epitaxy	10/1233625	4-Sep-02	
15436.439.3	Oxide Confined VCSEL With a Thin Oxide and Enhanced Conduction	10/1283381	28-Oct-02	
15436.439.4	Long-Wavelength Vertical Cavity Surface Emitting Lasers Selectively-Etchable Heterogeneous Composite Distributed Bragg	10/1283298	30-Oct-02	
15436.439.5	Method and Apparatus for Monitoring the Power Level of Two	10/1283311	30-Oct-02	
15436.439.6	High Speed Optical Transceiver Package Using Heterogeneous	10/1283835	30-Oct-02	
15436.439.7	Long Wavelength VCSEL With Tunnel Junction and Implant	10/1292578	11-Nov-02	
15436.439.8	Bidirectional Optical Device	10/1301380	21-Nov-02	
15436.439.9	Optical Transceiver (CIP of 15436.438.6.1)	10/1308308	3-Dec-02	
15436.440.1	10/1316355	11-Dec-02		
15436.440.10	Pluggable Optical Optic System Having a Lens Fiber Stop	10/1456123	6-Jun-03	
15436.440.11	INP Base Long Wavelength VCSEL	10/1606104	25-Jun-03	
15436.440.12	A Dielectric VCSEL Gain Guide	10/1607629	27-Jun-03	
15436.440.13	VCSEL Having Thermal Management	10/1607758	27-Jun-03	
15436.440.14	Enhanced Lateral Oxidation	10/1607887	27-Jun-03	
15436.440.2	Angled Wafer Rotating Ion Implantation	10/1323889	20-Dec-02	
15436.440.3	Material System for Bragg Reflector in Long Wavelength VCSEL	10/1323923	20-Dec-02	
15436.440.4	Zero-Clearance Receptacle Design For Single Mode Optical Fib	10/1347789	22-Jan-03	
15436.440.5	Wafer Integration of Micro-Optics	10/1351710	27-Jan-03	
15436.440.6	System and Methods Using Migration Enhanced Epitaxy For Flat Connectorized Optical Component Misaligned Detection System	10/1352293	27-Jan-04	
15436.440.7	VCSEL Mode-Transforming Phase Filter With Enhanced Performance	10/1430941	7-May-03	
15436.440.8		10/1436069	13-May-03	

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15436.440.9	Integrated Sleeve Pluggable Package	10/453307	3-Jun-03	
15436.441.1	Compact Package Design for Vertical Cavity Surface Emitting Laser	10/607982	30-Jun-03	
15436.441.10	Tunnel Junction Utilizing GAPS, ALGAPSB	10/697028	31-Oct-03	
15436.441.11	Modulation Doped Tunnel Junction	10/706906	14-Nov-03	
15436.441.2	High Speed Optical System	10/610256	30-Jun-03	
15436.441.3	A Lens Optical Coupler	10/612660	2-Jul-03	
15436.441.4	Pseudomorphic Layer in Tunnel Junction VCSEL	10/611992	30-Jul-03	
15436.441.5	An Optical Coupling System	10/620489	16-Jul-03	
15436.441.6	Coupler Having Reduction of Reflections to Light Source	10/620512	16-Jul-03	
15436.441.7	Optical Coupling System	10/622042	17-Jan-03	
15436.441.8	Edge Bead Control Method and Apparatus	10/623351	18-Jul-03	
15436.441.9	Long Wavelength VCSEL Device Processing	10/697660	29-Oct-03	
15436.431.1	Optical Connector Configured to Facilitate Active Alignment of a Photoelectric Device With an Optic Fiber	07/916785	17-Jul-92	5231686 27-Jul-93
	Emitting With Structures Located at Positions Which Prevent Certain Disadvantageous Modes and Enhance Generation of Light in Advantageous Modes	07/909270	6-Jul-92	5264715 23-Nov-93
15436.431.2	Inhibited Laser Power Monitor	08/1175016	29-Dec-93	5475701
15436.431.3	Multi-Gigahertz Frequency-Modulated Vertical-Cavity Surface Emitting Laser	08/476965	7-Jun-95	5574738 12-Nov-96
15436.431.4	Light Source Monitor With Compensated Tracking Ratio	08/739471	28-Oct-96	5737348 7-Apr-98
15436.431.5	Self Limiting Intrinsically Eye-Safe Laser Utilizing an Increasing Absorption Layer	08/683277	18-Jul-96	5745515 28-Apr-98
15436.431.6	Current Confinement For a Vertical Cavity Surface Emitting L	08/671995	28-Jun-96	5767674 9-Jun-98
15436.431.7	Filamented Multi-Wavelength Vertical Cavity Surface Emitting Laser	08/734403	16-Oct-96	5774487 30-Jun-98
15436.431.8	Semiconductor Device With a Laser and a Photodetector in a Common Container	08/687701	26-Jul-96	5799030 25-Aug-98
15436.431.9	Apparatus For Determining the Effect of Modal Noise on a Communicating System by Flexing an Optical Fiber	08/743367	4-Nov-96	5805318 8-Sep-98
15436.431.10	Lens For a Semi-Conductor Device With a Laser and Photodetector	08/686695	26-Jul-96	5812518 22-Sep-98
15436.431.11				

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15436.431.12	Apparatus For Determining the Effect of Modal Noise on a Communication System by Affecting an Optical Fiber Discontinuity	08/743369	4-Nov-96	5841915	24-Nov-98
15436.431.13	Fabrication of Vertical Cavity Surface Emitting Laser With Current Confinement	08/843116	28-Apr-97	5893722	13-Apr-99
15436.431.14	Laser With Selectively Changed Current Confining Layer	08/812620	6-Mar-97	5903588	11-May-99
15436.431.15	Laser With an Improved Mode Control	08/674230	28-Jun-96	5840422	17-Aug-99
15436.431.16	Monolithic Vertical Cavity Surface Emitting Laser And Resonant Cavity Photodetector Transceiver	08/736803	25-Oct-96	5878401	2-Nov-99
15436.432.1	Resonant Reflector For Improved Optoelectronic Device Performance and Enhanced Applicability	08/872534	11-Jun-97	6055262	25-Apr-00
15436.432.2	Bandgap Isolated Light Emitter	08/989734	12-Dec-97	6064683	16-May-00
15436.432.3	Vertical Cavity Surface Emitting Laser Having Intensity Control	09/001894	31-Dec-97	6069905	30-May-00
15436.432.4.1	Flexible Optic Connector Assembly	09/134229	14-Aug-98	6069991	30-May-00
15436.432.4.2	Flexible Optic Connector Assembly	09/135412	14-Aug-98	6088498	11-Jul-00
15436.432.4.3	Flexible Optic Connector Assembly	09/268191	15-Mar-99	6404960	11-Jun-02
15436.432.5	Method For Controlling the Operation of a Laser	08/813751	7-Mar-97	6078601	20-Jun-00
15436.432.6	Fiber Optic Header With Integrated Power Monitor	09/119089	20-Jul-98	6081638	27-Jun-00
15436.432.7	Active Device Receptacle	08/664039	13-Jun-96	60886263	11-Jul-00
15436.432.8	Chip-To-Interface Alignment	09/052643	31-Mar-98	6095697	1-Aug-00
15436.433.1	Flexible Hermetic Sealing	08/993690	22-Dec-97	6194789	27-Feb-01
15436.433.2	Fiber Optic Header For an Edge Emitting Laser	09/119273	20-Jul-98	6205274	20-Mar-01
15436.433.3	Vessel Structure Insensitive to Mobile Hydrogen	08/989731	12-Dec-97	6256333	3-Jul-01
15436.433.3.1	Vessel Structure Insensitive to Mobile Hydrogen	09/819029	30-Nov-00	6459719	1-Oct-02
15436.433.3.2	Vessel Structure Insensitive to Mobile Hydrogen	09/819024	30-Nov-00	6522680	18-Feb-03
15436.433.4	Coupled Cavity Anti-Guided Vertical Cavity Surface-Emitting Laser	09/387424	31-Aug-99	6411638	25-Jun-02
15436.433.5	Method and System For Versatile Optical Sensor Package	09/607048	30-Jun-00	6465774	15-Oct-02
15436.433.6	Metamorphic Long Wavelength High Speed Photodiode	09/766797	22-Jan-01	6558973	6-May-03
15436.434.1	Integration of Top-Emitting and Top-Illuminates Optoelectron Integrated Circuit Device	09/724249	28-Nov-00	6586776	1-Jul-03
15436.434.2	Method and Apparatus For Hermetically Sealing Photonic Devices	09/224210	30-Dec-98	6588949	8-Jul-03
15436.434.3	Mechanical Stabilization of Lattice Mismatched Quantum Wells	09/217223	21-Dec-98	6603784	5-Aug-03
15436.434.4	Graded Thickness Optical Element and Method of Manufacture Therefor	09/975299	10-Oct-01	6606199	12-Aug-03



EXPRESS MAIL LABEL NO. EV 533104231 US

PATENT  
Docket No.: 15436.441.9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
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                        )  
                        Biard, et al. )  
                        )  
Serial No.:         10/697,660         ) Art Unit  
                        ) 1765  
Confirmation No.:   8412                 )  
                        )  
Filed:              October 29, 2003     )  
                        )  
For:                LONG WAVELENGTH VCSEL DEVICE  
                      PROCESSING             )  
                        )  
Examiner:          Unassigned             )

CHANGE OF ATTORNEY DOCKET NUMBER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 15436.441.9.

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Respectfully submitted,



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